|          |                 | √ Rejected |          |           |           |           | d        |              |   |          |          | (Through numeral)<br>Cancelled |          |          |                    |                      |          |           |              | V            | Non-Elected  |           |             |            | ed    |            | A        |           | Appeal   |          |          |          |          |  |  |
|----------|-----------------|------------|----------|-----------|-----------|-----------|----------|--------------|---|----------|----------|--------------------------------|----------|----------|--------------------|----------------------|----------|-----------|--------------|--------------|--------------|-----------|-------------|------------|-------|------------|----------|-----------|----------|----------|----------|----------|----------|--|--|
|          |                 | = Allowed  |          |           | +         |           |          | Restricted   |   |          |          |                                |          |          | 1                  | Interference         |          |           |              |              | 0            |           | Objected    |            |       |            |          |           |          |          |          |          |          |  |  |
| Cla      |                 |            | Date     |           |           |           | _        |              |   |          |          | Claim                          |          |          |                    |                      | Da       | Date      |              | Cla          |              |           | aim         |            | Date  |            |          |           |          |          |          |          |          |  |  |
|          |                 | 8          | V        | I         | T         |           |          | $\sqcap$     |   | Γ        |          |                                |          | al       |                    |                      |          |           | T            | T            |              | Τ         | THE COLUMN  |            | _     | a          |          |           |          |          |          |          | Г        |  |  |
| Final    | Original        | 1.9/123/04 | DOLX     |           |           |           | -        |              |   |          |          | No.                            | Final    | Original |                    |                      |          |           |              |              |              |           | ATT CALL    |            | Final | Original   |          |           |          |          |          |          |          |  |  |
| ┪        | 0               | V          | ╀        | +         | $\dagger$ | 7         |          | ┪            |   | Ι-       | T        |                                |          | 51       | +-                 |                      |          | _         | $\dagger$    | †            | 十            | t         |             |            |       | 101        | Н        |           |          | _        | -        | T        | 1        | ┢  | T  |
|          | (2)             |            | Ξ        | I         | 1         | $\Box$    |          |              |   |          | Γ        |                                |          | 52       | oxday              |                      | $\Box$   |           | I            | 1            | $\perp$      | Ţ         |             |            |       | 102        |          |           |          |          |          | Ŀ        |          |  |  |
| $\dashv$ | 3               | 0          | H        | ╀         | +         | $\dashv$  | $\dashv$ | $\dashv$     |   | ├        | ╀        | -111                           |          | 53<br>54 | 1-                 | ŀ-⊦                  | -        | +         | ╀            | +            | +            | +         | -           |            |       | 103        | H        | _         |          | -        | <u> </u> | L        | ├        | ┼-   | ┝  |
| ᅱ        | <del>(5</del> ) | 0          | ╁        | +         | 十         | ┪         | $\dashv$ | ┪            | _ | ┢        | ╁        | - 7                            | -        | 55       | ╁                  | $\vdash$             | ┪        | ╅         | ╁            | +            | ╅            | ╁         | -           |            |       | 105        | Н        |           |          | Н        | $\vdash$ | ┢        | $\vdash$ | ┢  | ┢  |
|          | 6               |            | ∄        | 土         | İ         | ╛         |          |              |   |          | I        | ]:                             |          | 56       | İ                  |                      |          | 士         | I            | 1            | 土            | İ         |             |            |       | 106        |          |           |          |          |          |          |          |  |  |
|          | 7               | V          | 11       | I         | Ţ         | $\dashv$  |          | $\Box$       |   |          | L        |                                |          | 57       | Γ                  |                      | I        | $\perp$   | T            | Ţ            | $\perp$      | T         |             |            |       | 107        |          |           |          |          |          |          |          |  |  |
| $\dashv$ | <u>(8)</u>      |            | H        | ╀         | +         | -+        | -        | +            |   | ├-       | ╀        | - 24                           | <u> </u> | 58<br>59 | +                  | $\vdash$             | $\dashv$ | +         | +            | +            | +            | +         |             |            |       | 108<br>109 | Н        | H         |          | $\vdash$ | $\vdash$ | ⊢        | ⊢        | ╀  | ├-   |
| $\dashv$ | (g)<br>(t)      | 0          | Н        | +         | +         | +         | $\dashv$ | $\dashv$     |   | $\vdash$ | ╁        | <b>-</b>                       | —        | 60       | +                  | $\vdash \vdash$      | $\dashv$ | +         | +            | +            | +            | +         | -           | ŀ          |       | 110        | Н        | $\vdash$  | -        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | ╁  | $\vdash$   |
| $\dashv$ | 11              | 0          | Η        | T         | +         | 7         | $\neg$   | $\dashv$     | _ | H        | t        | T TO                           |          | 61       | +                  | $\Box$               | $\dashv$ | $\top$    | +            | †            | +            | +         |             | ŀ          |       | 111        | Н        |           |          | _        |          | $\vdash$ | T        | T  | <del>                                     </del> |
|          | 12              | V          |          | Ţ         | I         | 1         |          |              | _ |          | L        |                                |          | 62       |                    | $\square$            | 丁        |           | I            |              | ightharpoons | I         |             |            |       | 112        |          |           |          |          |          |          |          |  |  |
| _        | 13              | y          |          | ╀         | +         | 4         | _        | _            |   | L        | ╀        |                                |          | 63       | ╄                  | Ш                    | 4        | _         | $\bot$       | 1            | $\bot$       | $\bot$    |             | <u></u>    |       | 113        |          |           |          | L        | L        | _        | L        | _  |  |
| -        | (5)             | 0          | ₩        | ╀         | +         | +         | ႕        | $\dashv$     |   | $\vdash$ | ╀        |                                |          | 64<br>65 | ╀                  | H                    | -        | +         | +            | +            |              | +         | -           | Ξ.         |       | 114<br>115 | -        | _         | _        | _        | ┡        | L        | ⊢        | ⊢  | _  |
| $\dashv$ | 16              | 0          | H        | +         | +         | $\dashv$  | $\dashv$ | ┪            |   | H        | ╁        | -(4)                           |          | 66       | ╁                  | $\vdash$             | -+       | +         | ╁            | +            | +            | +         | -           |            |       | 116        | $\vdash$ | _         | -        | -        | ├        | ┝        | ├        | ├  | ┝  |
|          | 17              | o          | Ħ        | t         | Ť         | ┪         | $\dashv$ | ┪            |   | T        | T        |                                |          | 67       | +                  | Н                    | 7        | $\dagger$ | $^{\dagger}$ | +            | $\top$       | $\dagger$ | - []        |            |       | 117        | Н        | _         |          | ┢        | ┢        | H        | ┢        | ┢  | t  |
|          |                 | 0          | П        | Ι         | 1         | 1         |          |              |   |          |          |                                |          | 68       |                    |                      |          | 1         | I            | 1            |              | I         |             | 4          |       | 118        |          |           |          |          |          |          |          |  |  |
|          | 19              | 6          | #        | ╀         | +         | 4         | _        | -            |   | <u> </u> | ╀        |                                |          | 69       | $oldsymbol{\perp}$ | $\sqcup$             | 4        | +         | 4            | 4            | +            | +         |             | į.         |       | 119        | 1        |           |          | L.       | _        | <u> </u> | _        | ┖  | L  |
| ᅱ        | <b>(2)</b>      | V          |          | ╁         | +         | $\dashv$  | ┥        | $\dashv$     |   | ┝        | ╀        | - 1                            |          | 70<br>71 | ╁                  | $\vdash$             | $\dashv$ | +         | +            | ╫            | +            | ╫         | - Q         | 7          |       | 120<br>121 | H        | _         | _        | -        | ┝        | -        | ┞        | ╀  | ⊢  |
|          | 3               |            |          | $\dagger$ | $^{+}$    | ┪         | $\dashv$ | ┪            |   | H        | 十        |                                |          | 72       | +                  | Н                    | +        | ╅         | 十            | +            | +            | $^{+}$    | -           |            |       | 122        | Н        |           |          | ┝        | H        | Н        | H        | ┢  | ╁╌   |
|          | 23              |            | Ĩ        | İ         | 1         |           |          | コ            |   |          | İ        | 顶                              |          | 73       | T                  |                      | 寸        | T         | T            | 1            | T            | T         |             |            |       | 123        |          |           |          |          |          |          | T        |  |  |
|          | 24              |            | L        | L         | 1         | $\perp$   |          | $\dashv$     |   |          | L        | 瓣                              |          | 74       | $\Box$             | Ц                    | $\Box$   | $\perp$   | Ţ            | Ţ            | ightarrow    | Ţ         |             | ſ          |       | 124        | П        |           |          | Ш        |          |          |          |  |  |
| 4        | 25<br>26        | L          | ╀        | ╀         | +         | 4         | _        |              | _ | -        | ╀        | 議                              |          | 75       | ╀                  |                      | $\dashv$ | +         | +            | +            | -            | +         | -[          | 1          |       | 125        | Н        | Ц         | Ш        |          | L        | _        | L        | <b>!</b>   | L  |
| $\dashv$ | 27              | ┝          | H        | ╁         | ┿         | +         | ᅱ        | $\dashv$     |   | ⊢        | ╁        | -8                             |          | 76<br>77 | +                  | Н                    | ╅        | +         | +            | ╁            | +            | ╁         | -1          | <b>#</b> - |       | 126<br>127 | Н        | _         | $\vdash$ | _        | H        | ┝        | ┢        | ⊢  | ┝  |
| $\dashv$ | 28              |            | H        | t         | 十         | 7         | ┪        | 7            |   | H        | $\vdash$ | 蹙                              |          | 78       | H                  | H                    | 十        | 十         | +            | +            | +            | +         | - II        | 9          |       | 128        | Н        |           |          | _        | $\vdash$ | $\vdash$ | H        | H  | H  |
| $\Box$   | 29              |            |          | Ι         | I         | $\Box$    |          | $\Box$       |   |          |          | 清                              |          | 79       |                    |                      |          |           |              | 1            | 1            | Ι         |             |            |       | 129        |          |           |          |          |          |          |          |  |  |
| 4        | 30              | ļ          | L        | ╀         | +         | 4         |          | -            |   | L        | L        |                                |          | 80       | ╄                  | Н                    | _        | 4         | +            | 4            | $\perp$      | 4         | _           | 2          |       | 130        | Ш        |           |          |          |          | L        | L        | L  |  |
| $\dashv$ | 31<br>32        | -          | ├        | ╁         | ╁         | +         | ┥        | $\dashv$     |   | ⊢        | ╁        |                                |          | 81<br>82 | +                  | Н                    | +        | ╁         | +-           | +            |              | ╁         | <b>-</b> [§ | -          |       | 131<br>132 | Н        | Н         | _        | _        | H        | -        | ⊢        | -  | -  |
| 一        | 33              | ┢          | H        | +         | $^{+}$    | $\dashv$  | 7        | +            | _ |          | ╁        | 1                              |          | 83       | +                  | Н                    | $\dashv$ | +         | +            | 十            | +            | +         | - P.        | +          |       | 133        | Н        |           |          | -        | Н        | H        | -        | ╁  | ┝  |
|          | 34              |            |          | L         | I         |           |          |              |   |          |          |                                |          | 84       |                    |                      | $\perp$  |           | I            | I            |              | İ         |             |            |       | 134        |          |           |          |          |          |          |          |  |  |
| _        | 35              | L          | L        | ╀         | +         | 4         | _        | _            |   | L        | L        |                                |          | 85       |                    | Ш                    | $\perp$  | $\bot$    | $\perp$      | 1            | 1            | 1         | 1           |            |       | 135        |          |           |          |          |          |          |          |  |  |
| -        | 36<br>37        |            | ╀        | ╀         | ╁         | +         | $\dashv$ | -+           |   | ⊢        | ╀        |                                |          | 86       | +-                 | ŀ                    | -        | +         | +            | +            | +            | +         |             | 4          |       | 136        |          |           |          |          | _        | L        | _        | <u> </u>   | ļ  |
| 7        | 38              | -          | $\vdash$ | ۲         | +         | +         | $\dashv$ | +            | - | -        | +        | -11                            |          | 88       | ╁                  | $\vdash$             | +        | +         | +            | +            | +            | +         | -11         | H          |       | 137<br>138 | ╁┤       | $\dashv$  | Н        | _        | $\vdash$ | -        | $\vdash$ | $\vdash$   | ⊢  |
|          | 39              |            |          | I         | İ         | ✝         | _        | 寸            | _ |          | T        |                                |          | 89       | İ                  | Н                    | _        | +         | +            | †            | +            | T         | ٦,          | *          |       | 139        | H        | $\dashv$  | Н        | $\vdash$ | Н        | $\vdash$ |          | <del>                                     </del> | <u> </u>   |
| コ        | 40              |            |          | Г         | T         | Ţ         | $\Box$   | $\Box$       |   |          |          |                                |          | 90       |                    | П                    |          |           | I            | I            | $\perp$      |           |             |            |       | 140        |          |           |          |          |          |          |          |  |  |
| 4        | 41              | L          | L        | ╀         | +         | 4         | 4        | 4            | _ | _        | ├-       |                                |          | 91       | $\vdash$           | $\sqcup$             | -[       | Ţ         | $\perp$      | $\downarrow$ | $\perp$      | 1         | 1           |            |       | 141        | $\Box$   |           |          |          |          | L        |          |  |  |
| +        | 42<br>43        | ⊢          | ⊢        | ╁         | +         | +         | $\dashv$ | +            | - | $\vdash$ | ╁        | 3                              |          | 92<br>93 | $\vdash$           | ${oldsymbol{arphi}}$ | +        | +         | +            | +            | +            | +         | -1          |            |       | 142<br>143 | dash     | -         | _        |          | Н        | <u> </u> | $\vdash$ | -  | -  |
| $\dashv$ | 44              | Ι-         | $\vdash$ | T         | t         | $\dashv$  | $\dashv$ | $\dashv$     |   | Н        | t        |                                |          | 94       | +                  | $\vdash \vdash$      | +        | +         | +            | +            | +            | +         |             | j          | _     | 144        | ├┤       | $\dashv$  | $\dashv$ | _        | Н        | $\vdash$ | $\vdash$ | $\vdash$   | -  |
|          | 45              |            |          | L         | I         |           |          |              |   |          |          | ] "                            |          | 95       |                    | Ħ                    | 士        | 土         | İ            | İ            | 土            | I         |             |            |       | 145        | Н        | $\exists$ |          |          | П        |          |          |  |  |
| _Ţ       | 46              | Ľ          | Ĺ        | F         | T         | $\bot$    | $\Box$   | ightharpoons |   |          |          |                                |          | 96       |                    | $\Box$               | I        | T         | T            | Ţ            | T            | Γ         |             |            |       | 146        |          |           |          |          |          |          |          |  |  |
| +        | 47<br>48        | <u> </u>   | $\vdash$ | +         | +         | +         | $\dashv$ | +            | _ | <u> </u> | $\vdash$ | 100                            |          | 97       | H                  | ╟╫                   | 4        | +         | +            | +            | +            | +         |             | іц<br>6н   |       | 147        | $\sqcup$ | _         | _        |          |          |          | Ĺ        | $\Box$   | سَّ  |
| $\dashv$ | 49              | $\vdash$   | H        | ╁         | +         | +         | -+       | +            | - | $\vdash$ | $\vdash$ |                                |          | 98       | $\vdash$           | ┝┥                   | +        | +         | +            | ╀            | +-           | +         | H           | -}         |       | 148<br>149 | $\vdash$ | $\dashv$  | $\dashv$ | _        | Н        | <u> </u> | -        | -  | $\vdash$   |
| +        | 50              | _          |          | t         | t         | $\dagger$ | _        | $\dashv$     |   | $\vdash$ | †        | 闄                              |          | 100      | T                  | $\vdash$             | 十        | 十         | T            | +            | +            | ╁         | 1           |            |       | 150        | ┝┤       | $\dashv$  | $\dashv$ |          | Н        |          |          |  | $\vdash$   |

Application No.

09/943,470 Examiner

Dac V. Ha

Index of Claims

Applicant(s)

2634

SOGABE ET AL